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[PDF] ► [Design issues in mobile-agent programming systems](#)

NM Karnik, AR Tripathi - IEEE concurrency, 1998 - Citeseer

... This makes the application's task of **tracking** its **agents** more ... may be needed for metering of **resource usage**, such as the CPU time used by an **agent** or the ...

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[Sumatra: A language for resource-aware mobile programs](#)- ► [kfupm.edu.sa](#) (PDF)

A Acharya, M Ranganathan, J Saltz - Lecture Notes in Computer Science, 1997 - Springer

... **Agent**-Tcl [15], Telescript [26] and Aglets [20] **use** a go-based ... implemented within the interpreter by activating counters that keep **track** of **resource usage**. ...

[Cited by 204](#) - [Related articles](#) - [BL Direct](#) - [All 18 versions](#)

[D'Agents: Security in a multiple-language, mobile-agent system](#)- ► [dartmouth.edu](#) (PDF)

RS Gray, D Kotz, G Cybenko, D Rus - Lecture Notes in Computer Science, 1998 - Springer

... In addition, it is active **use** at numerous academic and ... Now the **agent** is on the destination machine and can interact with that machine's **resources** without any ...

[Cited by 194](#) - [Related articles](#) - [BL Direct](#) - [All 22 versions](#)

[Strong mobility and fine-grained resource control in NOMADS](#)- ► [soton.ac.uk](#) (PDF)

N Suri, JM Bradshaw, MR Breedy, PT Groth, GA ... - Lecture Notes in Computer Science, 2000 - Springer

... Third, **tracking** of **resource usage** enables accounting and billing mechanisms that hosts may **use** to calculate charges for resident **agents**. ...

[Cited by 108](#) - [Related articles](#) - [BL Direct](#) - [All 17 versions](#)

[PDF] ► [Information-driven dynamic sensor collaboration for tracking applications](#)

F Zhao, J Shin, J Reich - IEEE Signal Processing Magazine, 2002 - cs.brown.edu

... 2. **Track** quality: **Tracking** errors, **track** length, robustness against sensing gaps. ... 5. **Resource usage**: Power/bandwidth consumption. ...

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[Sold!: Auction methods for multirobot coordination](#)- ► [stanford.edu](#) (PDF)

BP Gerkey, MJ Mataric - IEEE Transactions on Robotics and Automation, 2002 - ieeexplore.ieee.org

... small box of a certain color and **use** tactile bumpers ... monitored) by an automated tasking **agent** that was ... able devices, then made the proper **resource** subscriptions ...

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[Reflections on the nature of multi-agent coordination and its implications for an agent ...](#)-

► [umass.edu](#) (PDF)

VR Lesser - Autonomous Agents and Multi-Agent Systems, 1998 - Springer

... term environmental conditions such as **resource** availability and ... 2 contains components that **agents use** to execute ... must contain the local **agent** scheduling and ...

[Cited by 153](#) - [Related articles](#) - [BL Direct](#) - [All 18 versions](#)

[Condor-G: A computation management agent for multi-institutional grids](#)- ► [ucy.ac.cy](#) (PDF)

J Frey, T Tannenbaum, M Livny, I Foster, S ... - Cluster Computing, 2002 - Springer

... multi-functional user computa- tion management **agent** responsible for **resource** discovery ... environment issues are addressed via the **use** of mobile ...

[Cited by 966](#) - [Related articles](#) - [BL Direct](#) - [All 53 versions](#)

Mobile agents- [► kfupm.edu.sa](#) [PDF]

K Rothermel, M Schwehm - Proceedings of the 1st International Workshop, 1997 - [eprints.kfupm.edu.sa](#)
... in classes for creating, transmitting and manipulating **agent** processes. ... Telescript provides an infrastructure for **tracking** and charging **resource usage**. ...

[Cited by 94](#) - [Related articles](#) - [View as HTML](#) - [All 11 versions](#)

Agent Tcl: Targeting the needs of mobile computers

D Kotz, R Gray, S Nog, D Rus, S Chawla, G ... - IEEE Internet Computing, 1997 - [ieeexplore.ieee.org](#)
... The server keeps **track** of the **agents** running on its ... the memory manager might limit an **agent** to 100 ... In addition to absolute limits on **resource use**, we plan to ...

[Cited by 190](#) - [Related articles](#) - [All 8 versions](#)

D'Agents: applications and performance of a mobile-agent system- [► dartmouth.edu](#) [PDF]

RS Gray, G Cybenko, D Kotz, RA Peterson, D ... - Software: Practice and Experience, 2002 - [interscience.wiley.com](#)
... for authentication and privacy of moving **agents**, enforces limits on **resource usage**, and is based around a high-performance, multi-threaded **agent** server. ...

[Cited by 124](#) - [Related articles](#) - [BL Direct](#) - [All 22 versions](#)

Cooperative multiagent systems: a personal view of the state of the art- [► kfupm.edu.sa](#) [PDF]

VR Lesser - IEEE Transactions on Knowledge and Data ..., 1999 - [ieeexplore.ieee.org](#)
... data bases are more adaptable for **use** in a ... subproblems that have varying information and **resource** requirements. The **agent** then pieces together at runtime a set ...

[Cited by 171](#) - [Related articles](#) - [BL Direct](#) - [All 15 versions](#)

Moving furniture with teams of autonomous robots- [► kfupm.edu.sa](#) [PDF]

D Rus, B Donald, J Jennings - 1995 IEEE/RSJ International Conference on ..., 1995 - [ieeexplore.ieee.org](#)
... have different degrees of parallelism, synchrony, and **resource** utilization ... (For example, we can **use** a potential ... which no pushing action by any **agent** will result ...

[Cited by 98](#) - [Related articles](#) - [All 26 versions](#)

A distributed resource management architecture that supports advance reservations and co- ...-

[►udel.edu](#) [PDF]

I Foster, C Kesselman, C Lee, B Lindell, K ... - Quality of Service, 1999. IWQoS'99. 1999 Seventh ..., 1999 - [ieeexplore.ieee.org](#)

... The **use** of these calls is illustrated in Figure 4 ... constructed by the co-reservation **agent**; the "R ... Create Reservation (**resource**-manager-contact, reservation ...

[Cited by 520](#) - [Related articles](#) - [All 56 versions](#)

Challenges in the migration to 4G mobile systems- [► upatras.gr](#) [PDF]

SY Hui, KH Yeung - IEEE Communications Magazine, 2003 - [ieeexplore.ieee.org](#)
... Positioning System (GPS) (for **tracking** her current ... them **use** mobile **agents**, but some do not [10 ... with respect to speed, accuracy, **resource usage**, and convenience ...

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[PDF] **► Network-aware mobile programs**

M Ranganathan, A Acharya, S Sharma, J ... - Proceedings of the USENIX 1997 Annual Technical ..., 1997 - [antd.nist.gov](#)
... programs can successfully **use** mobility to ... and for adapting to variations in **resources**. ... movement and to amortize the cost of moving and **tracking** individual objects ...

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Multi-sensor management for information fusion: issues and approaches- [► psu.edu](#) [PDF]

N Xiong, P Svensson - Information fusion, 2002 - Elsevier

... benefits of earlier detection, improved **tracking**, and more ... on communication in the network of **agents**, in which ... and control of sensor **resource usage** to enhance ...

[Cited by 95](#) - [Related articles](#) - [All 9 versions](#)

Mobile **agent** middleware for mobile computing

P Bellavista, A Corradi, C Stefanelli - *Computer*, 2001 - [ieeexplore.ieee.org](#)

... of mobile terminals, dynamic rebinding of **resources** and services ... We generally **use** care-of solutions, discovery services ... An **agent** at a fixed location can act as ...

[Cited by 145](#) - [Related articles](#) - [BL Direct](#) - [All 7 versions](#)

[book] The commercial **use** of biodiversity: access to genetic **resources** and benefit-sharing

K Ten Kate, SA Laird - 2002 - [books.google.com](#)

... Products in Pesticide Discovery and **Use** 193 7.5 ... Protection Products Derived from Genetic **Resources** 194 7.6 ... and DiPel ; Two Biological Control **Agents** Used in ...

[Cited by 200](#) - [Related articles](#) - [All 3 versions](#)

A monitoring sensor management system for grid environments- ► [psu.edu](#) (PDF)

B Tierney, B Crowley, D Gunter, J Lee, M ... - *Cluster Computing*, 2001 - Springer

... domain can decide if they want to **use** locally maintained ... s identity and the name of the **resource** the user ... of the Identity Certificates for each **agent** to which ...

[Cited by 129](#) - [Related articles](#) - [BL Direct](#) - [All 27 versions](#)

Agent-oriented technology in support of e-business- ► [vxu.se](#) (PDF)

MP Papazoglou - *Communications of the ACM*, 2001 - [portal.acm.org](#)

... Entry to an enterprise **resource** planning (ERP) system checking ... first defines how enterprises should **use** XML to ... **Agent** support for e-commerce business may, for ...

[Cited by 148](#) - [Related articles](#) - [BL Direct](#) - [All 8 versions](#)

Cooperating mobile **agents** for dynamic network routing- ► [kfupm.edu.sa](#) (PDF)

N Minar, K Hultman, KP Maes - in *Software **Agents** for Future Communication Systems*, 1999 - [eprints.kfupm.edu.sa](#)

... is as a set of necessary tradeoffs between finite **resources**. ... to reduce power consumption and maximize the **use** of a ... to see that often the random **agent** does not ...

[Cited by 139](#) - [Related articles](#) - [View as HTML](#) - [All 3 versions](#)

Spiders as biological control **agents**

SE Riechert, T Lockley - *Annual Review of Entomology*, 1984 - *Annual Reviews*

... CONTROL **AGENTS** I ... has been paid in this country to their possible **use** in insect ... maintain its numbers below levels set by potentially limiting **resources** such as ...

[Cited by 238](#) - [Related articles](#) - [All 2 versions](#)

Compute power market: Towards a market-oriented grid- ► [buyya.com](#) (PDF)

R Buyya, S Vazhkudai - *The First IEEE/ACM International Symposium on ...*, 2000 - [doi.ieeecomputersociety.org](#)

... It is also responsible for **tracking** duplicates, ie, limiting one market ... and Steer computations 8. Perform load profiling for future **usage** ... Market **Resource Agent** ...

[Cited by 93](#) - [Related articles](#) - [All 14 versions](#)

Experiences with an architecture for intelligent, reactive **agents**- ► [kfupm.edu.sa](#) (PDF)

RP Bonasso, RJ Firby, E Gat, D Kortenkamp, ... - *Journal of Experimental & Theoretical Artificial ...*, 1997 - [informaworld.com](#)

... if a RAP starts doing look-ahead search, **resource** allocation or **agent** selection, then it ... The @ nal dimension that we **use** for dividing a task is the ...

[Cited by 503](#) - [Related articles](#) - [BL Direct](#) - [All 7 versions](#)

Distributed constraint satisfaction for formalizing distributedproblem solving

M Yokoo, T Ishida, EH Durfee, K Kuwabara - *Distributed Computing Systems*, 1992., *Proceedings of ...*, 1992 -

ieeexplore.ieee.org

... as DCSPs by viewing each task or **resource** as a ... ob-lete information, and the value sending **agent** should not ... We introduce the **use** of context attachment to deal ...

[Cited by 267](#) - [Related articles](#)

[PDF] ► [Commitments and conventions: The foundation of coordination in multi-agent systems](#)

NR Jennings - Knowledge Engineering Review, 1993 - [eprints.ecs.soton.ac.uk](#)

... Firstly as **agents** are **resource** bounded, they cannot ... In a social environment, **agents** **use** knowledge of their ... **agent** must find a suitable course of action. ...

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[Using iterative repair to improve responsiveness of planning and scheduling-](#) ► [nasa.gov](#) [PDF]

S Chien, R Knight, A Stechert, R Sherwood, ... - Proceedings of the Fifth International Conference on ..., 2000 - [aaai.org](#)

... the planner for the Remote **Agent** Experiment (RAX ... state estimation module is responsible for **tracking** sensor data ... estimates for times and **resource usage**, as well ...

[Cited by 157](#) - [Related articles](#) - [All 23 versions](#)

[PDF] ► [A survey of quality of service in mobile computing environments](#)

D Chalmers, M Sloman - IEEE Communications surveys, 1999 - [Citeseer](#)

... in predicting and guaranteeing the performability of requests by **tracking** expected ... 9 system **usage**. ... a similar and elegant solution for **resource** reservation and ...

[Cited by 210](#) - [Related articles](#) - [View as HTML](#) - [All 13 versions](#)

[Context-aware middleware for resource management in the wireless Internet](#)

P Bellavista, A Corradi, R Montanari, C ... - Context, 2003 - [doi.ieeecomputersociety.org](#)

... On the one hand, mobility requires **tracking** clients, suggests ... 3.1 Mobile **Agents** for the Design of Mobile ... policies to ensure secure **resource usage** and mobility ...

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